

CLAIMS:

1. In an electric lamp having a power of about $\geq 175\text{W}$ to about 400W , a light source capsule energizable for emitting light and including a generally planar seal sealing said capsule in a gas-tight manner, said seal having two generally parallel major faces and two opposing minor faces extending transversely between said major faces, a stem portion and at least one support rod extending adjacent a minor face of said seal,
the improvement wherein said lamp has a strapless mount structure comprising a main frame portion; a first metallic support rod extending from said stem portion and fixed to said main frame portion; a second metallic support rod engaging said dome end of said envelope and fixed to said main frame portion, and a support clip attached at one end to the lower end of the arc tube press, and at a second end to the stem wire or to a frame portion connected to the stem wire or to a portion of the main frame.
2. An electric lamp as claimed in claim 1, wherein the support clip is a vertical clip which at one end is welded to the arc tube lead and restrains the arc tube 10 from lateral, centrifugal, and longitudinal motion.
3. An electric lamp as claimed in claim 2, wherein the vertical clip is attached at a second end to the stem wire.
4. An electric lamp as claimed in claim 1, wherein the support clip is a horizontal clip which at one end slides over the arc tube and firmly restrains the arc tube 10 from lateral, centrifugal, and longitudinal motion.
5. An electric lamp as claimed in claim 4, wherein the horizontal clip is attached at a second end to the a portion of the main frame.
6. An electric lamp as claimed in claim 1, wherein said light source capsule is electrically connected in said lamp in the absence of a field wire.
7. An electric lamp as claimed in claim 1, wherein said strapless mount structure is effective to reduce sodium diffusion in said lamp.
8. An electric lamp as claimed in claim 1, 2 or 4 wherein an insulative covering is present on at least a portion of said main frame.
9. An electric lamp as claimed in claim 1, 2 or 4 wherein said lamp is a high pressure discharge lamp and said light source capsule is a discharge vessel having a press seal at opposing ends thereof, discharge electrodes arranged within said discharge vessel, and a

discharge sustaining filling in which a discharge is maintained between said discharge electrodes during lamp operation.

10. A high pressure gas discharge lamp having a power of about $\geq 175\text{W}$ to about 400W and comprising:

an outer lamp envelope including a lamp stem and an opposing dome end;
a light source arranged generally axially within said outer lamp envelope, said light source including a discharge vessel consisting of a fused silica body and having a planar press seal at each end thereof, an alkali-halide containing discharge sustaining filling, a pair of discharge electrodes within said discharge vessel body between which an arc discharge is maintained during lamp operation, and conductive lead-throughs extending from each electrode through a respective press seal to the exterior of said discharge vessel, said press seal having two generally parallel major faces and two opposing minor faces extending between said major faces, said discharge vessel emitting ultraviolet radiation during lamp operation;

wherein said lamp has a strapless mount structure which comprises a main frame portion; a first metallic support rod extending from said lamp stem and fixed to said main frame portion; a second metallic support rod engaging said dome end of said envelope and fixed to said main frame portion; and a support clip attached at one end to the lower end of the arc tube press, and at a second end to the stem wire or to a frame portion connected to the stem wire or to a portion of the main frame.

11. A high pressure gas discharge lamp as claimed in claim 10, wherein said light source is electrically connected in said lamp in the absence of a field wire.

12. A high pressure gas discharge lamp as claimed in claim 11, wherein said strapless mount structure is effective to reduce sodium diffusion in said lamp.

13. A high pressure gas discharge lamp as claimed in claim 10 or 11, wherein an insulative covering is present on at least a portion of said main frame.

14. A strapless mount for a light source of an electric lamp of about $\geq 175\text{W}$ to about 400W, having an outer lamp envelope including a lamp stem and an opposing dome end and a generally planar seal with a pair of generally parallel major faces and a pair of minor faces extending therebetween, said mount comprising a main frame portion; a first metallic support rod extending from said lamp stem and fixed to said main frame portion; a second metallic support rod engaging said dome end of said envelope and fixed to said main frame

portion ; and a support clip attached at one end to the lower end of the arc tube press, and at a second end to the stem wire or to a frame portion connected to the stem wire or to a portion of the main frame.

15. A strapless mount for a light source of an electric lamp as claimed in claim 14, wherein an insulative covering is present on at least a portion of said main frame.